Fig.1

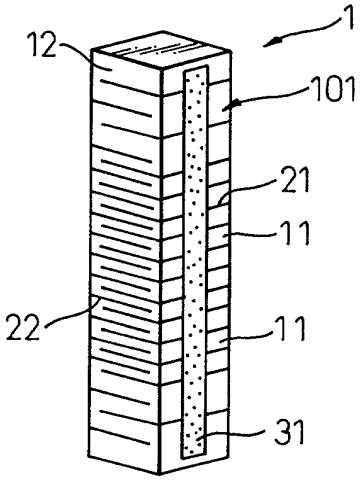
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Fig.2

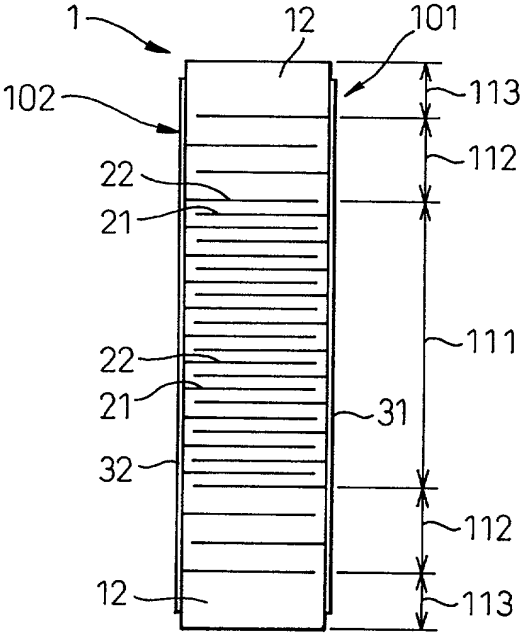
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Fig. 3A

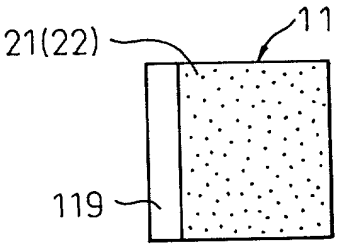

Fig. 3B

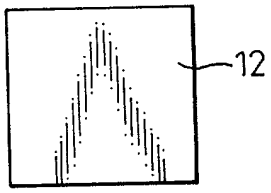

Fig. 4

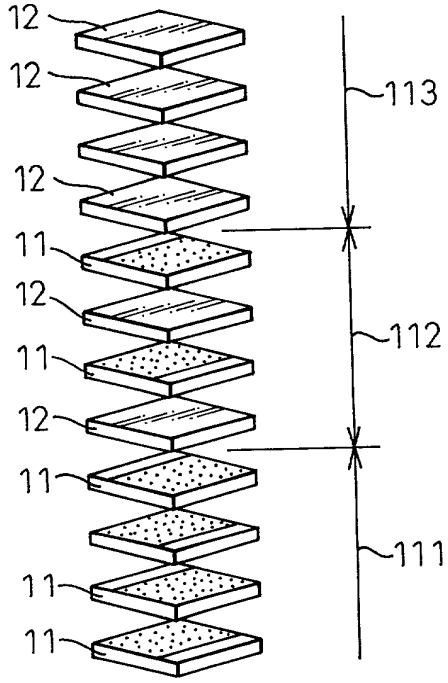

Fig.5

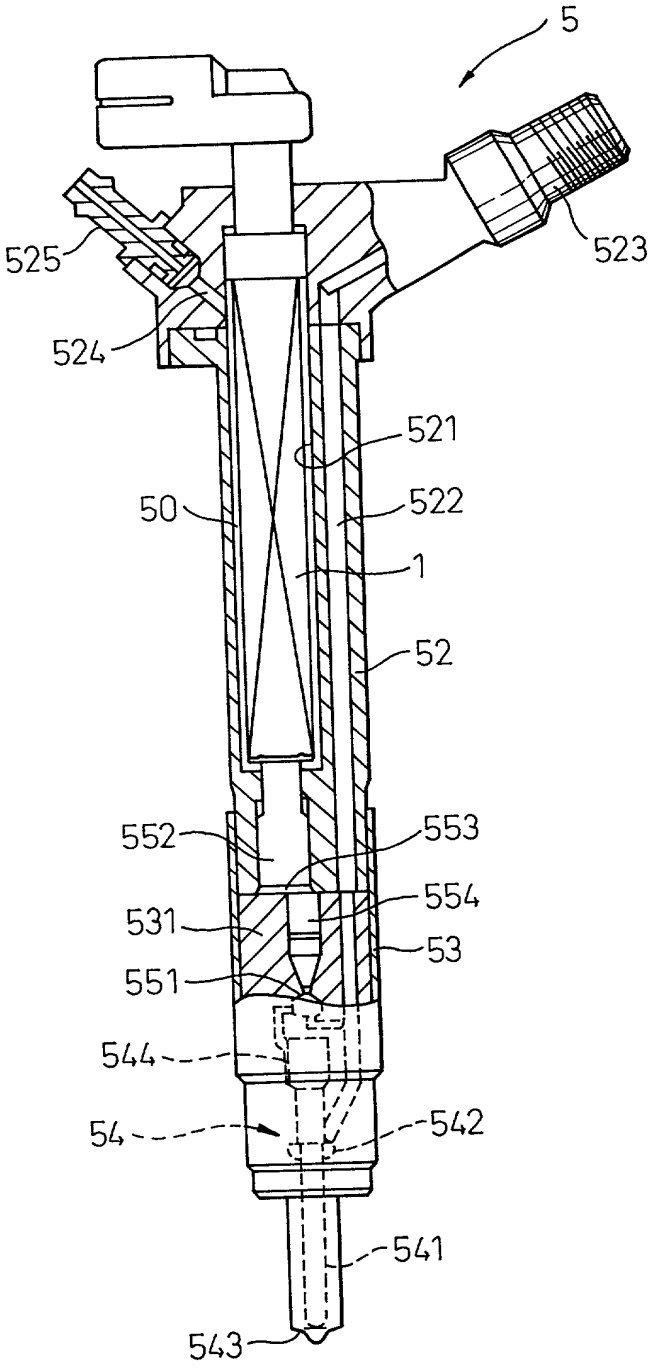
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Fig.6

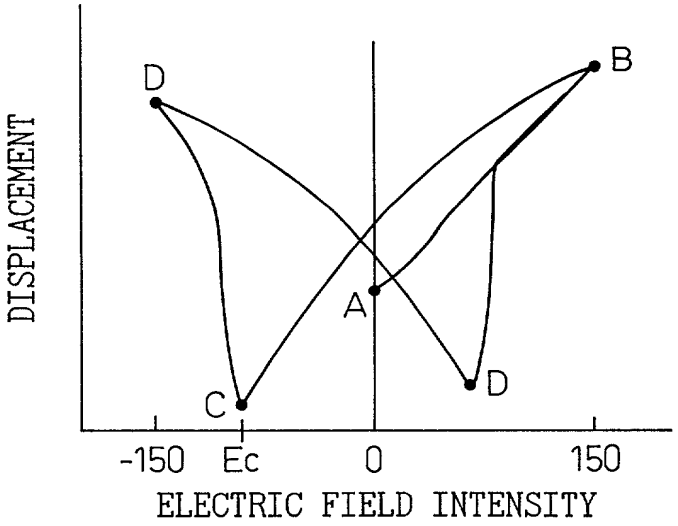
DISPLACEMENT
D
B
A
C
D
-150
Ec
0
150
ELECTRIC FIELD INTENSITY

Fig.7

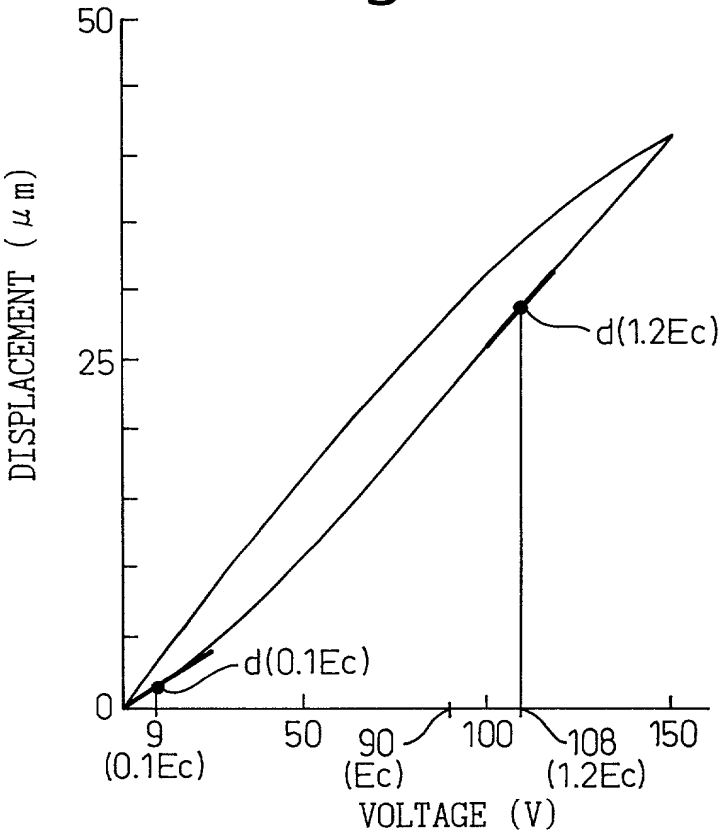
50
25
0
DISPLACEMENT (μm)
d(1.2Ec)
d(0.1Ec)
9
(0.1Ec)
50
90
(Ec)
100
108
(1.2Ec)
150
VOLTAGE (V)

Fig.8

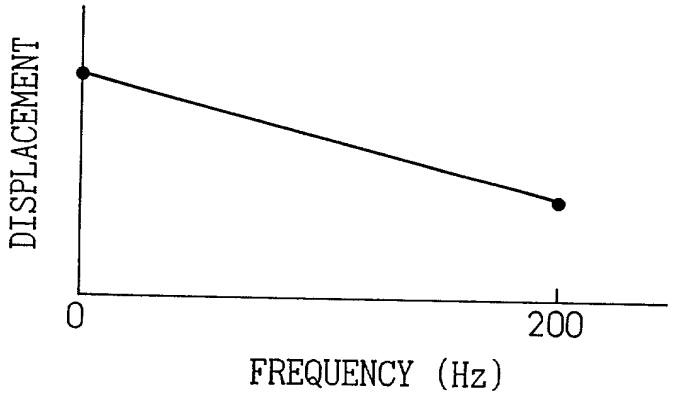

Fig.9

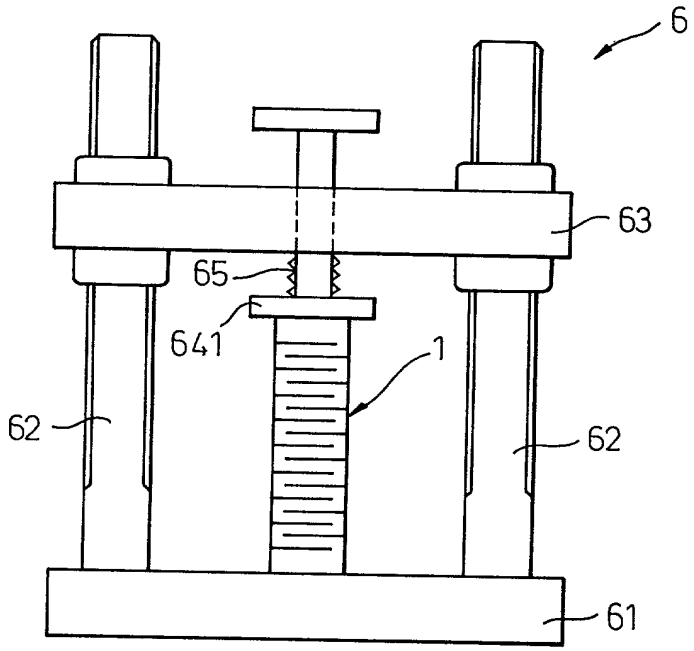

Fig.10

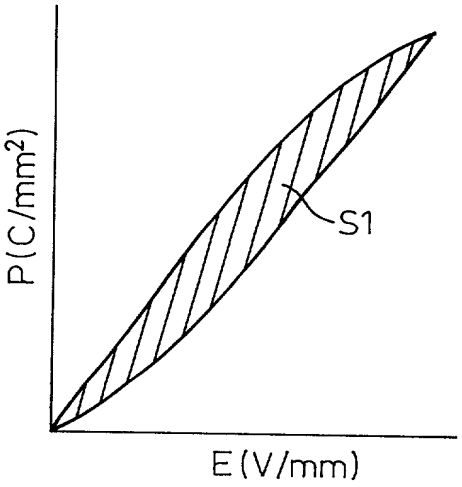

Fig.11

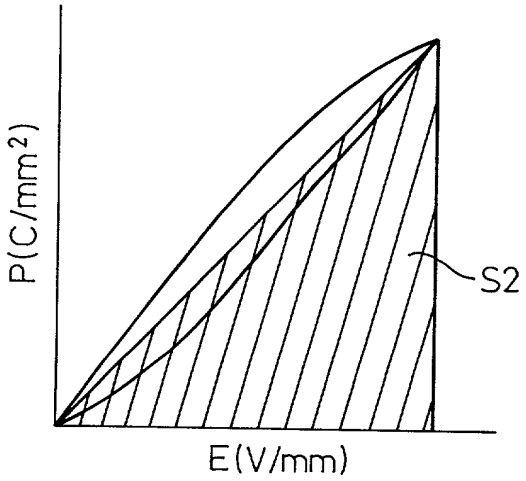

Fig.12

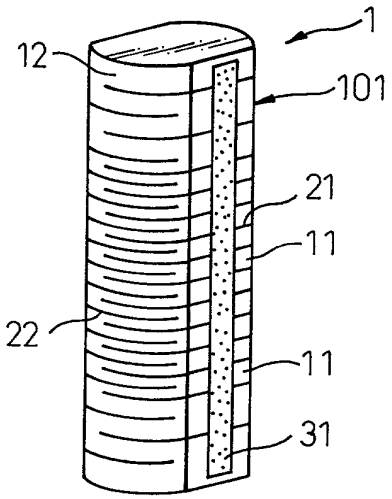

Fig.13

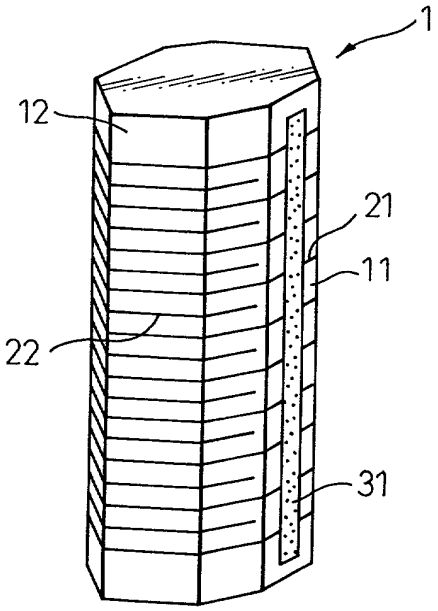

Fig.14

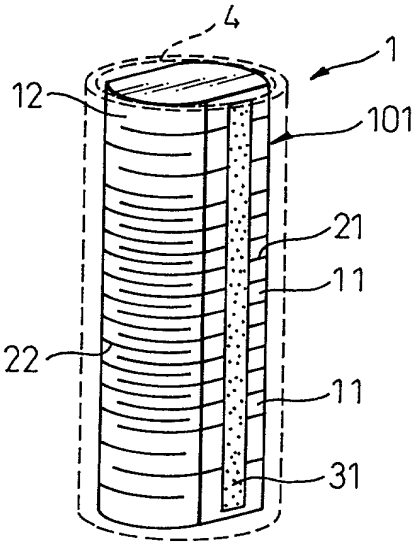
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Fig.15

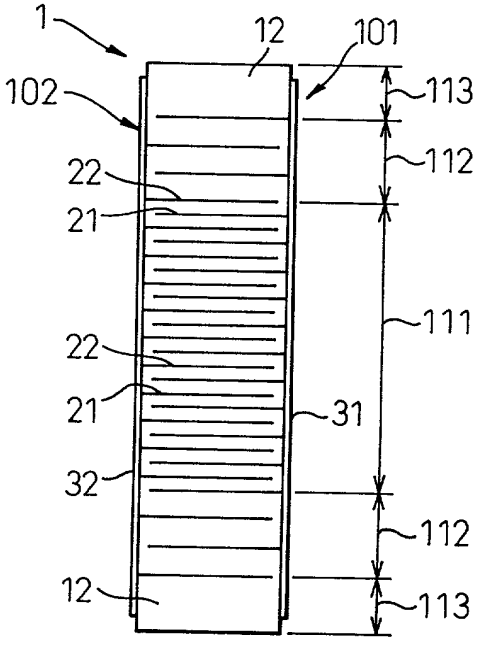
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Fig.16A

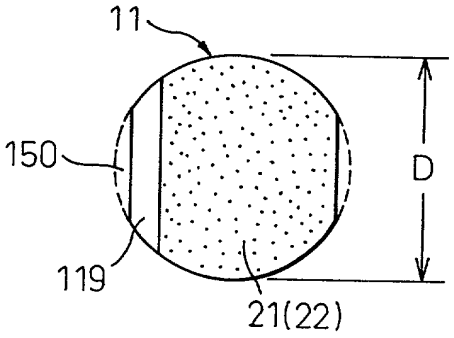

Fig.16B

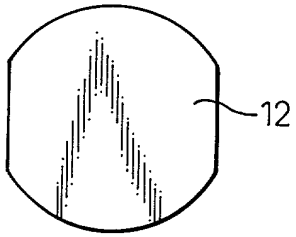

Fig.17

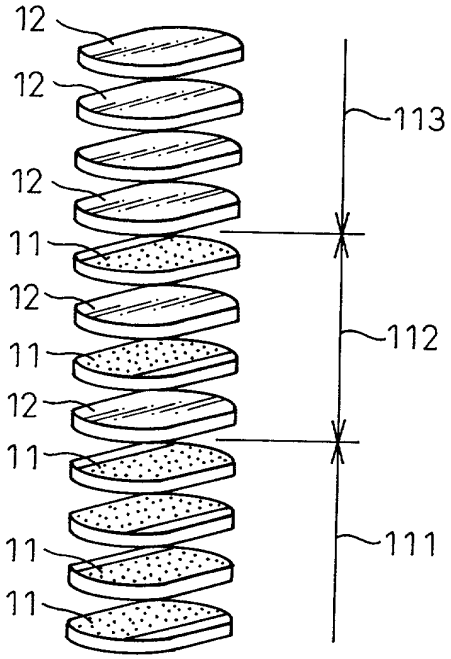

Fig.18

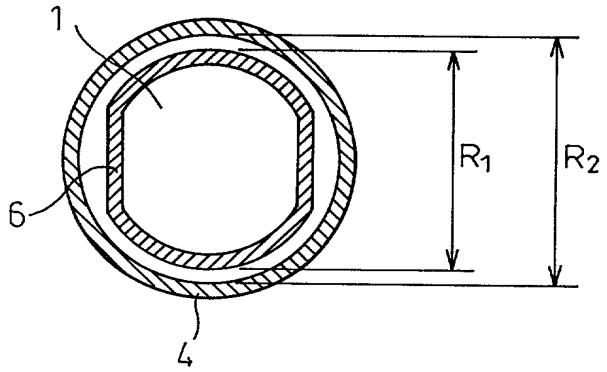

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Fig.19

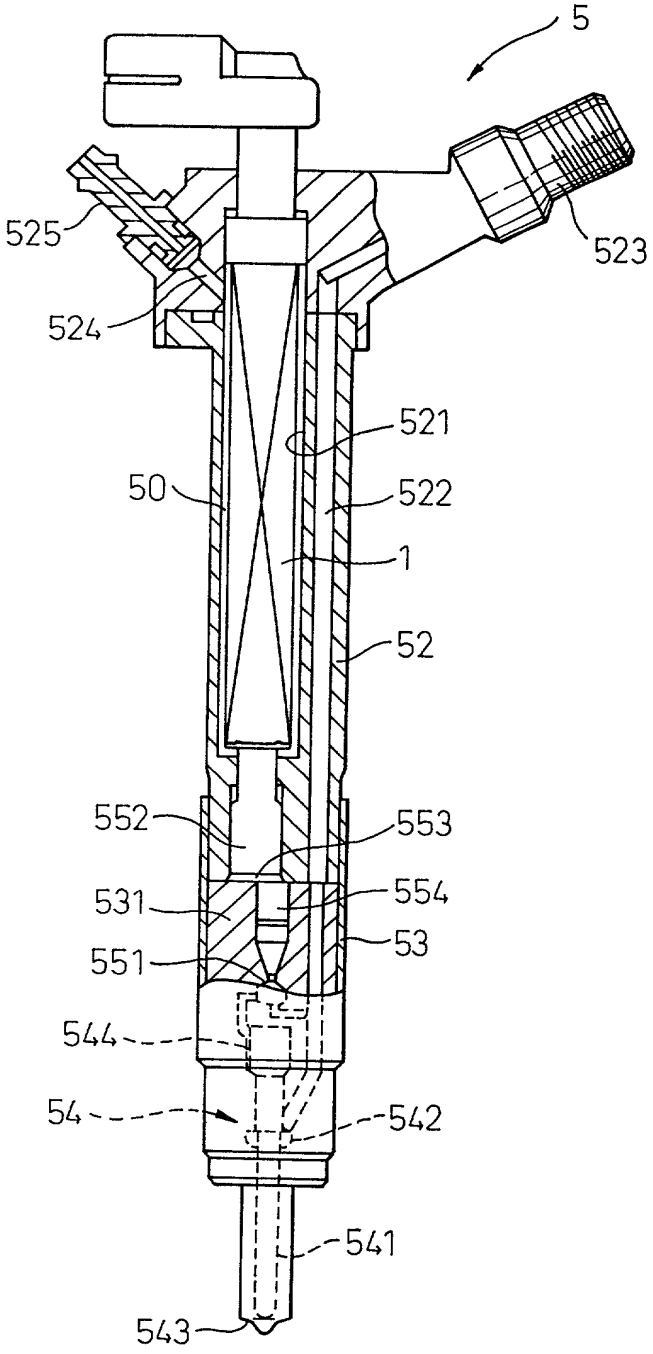
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Fig.20

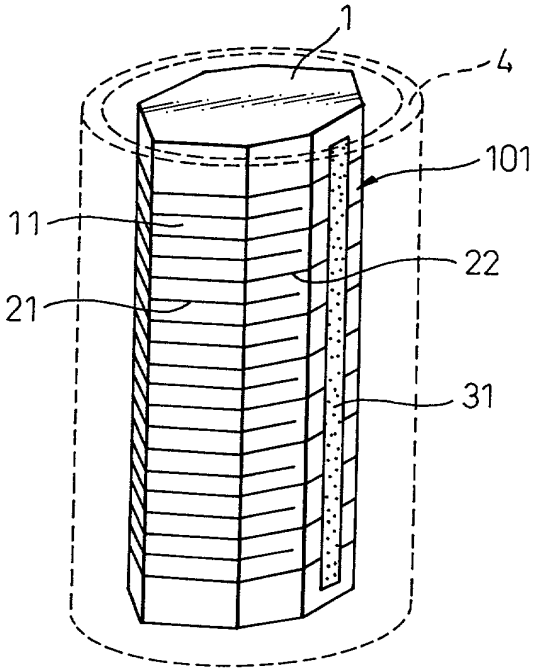


Fig.21

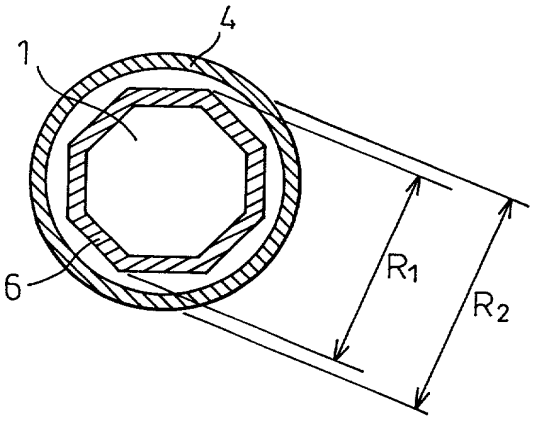
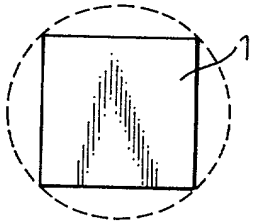
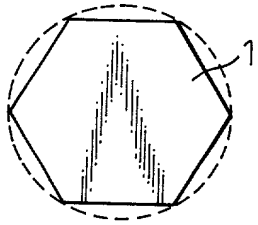


Fig.22A



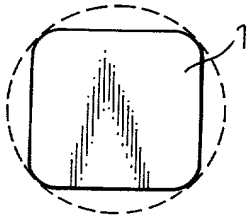
SAMPLE 1

Fig.22B



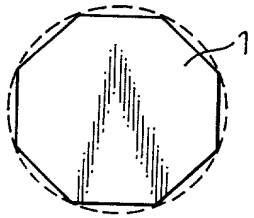
SAMPLE 2

Fig.22C



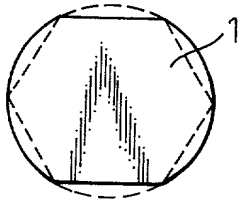
SAMPLE 3

Fig.22D



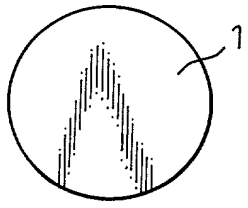
SAMPLE 4

Fig.22E



SAMPLE 5

Fig.22F



SAMPLE 6

JP02002359864

Fig.23

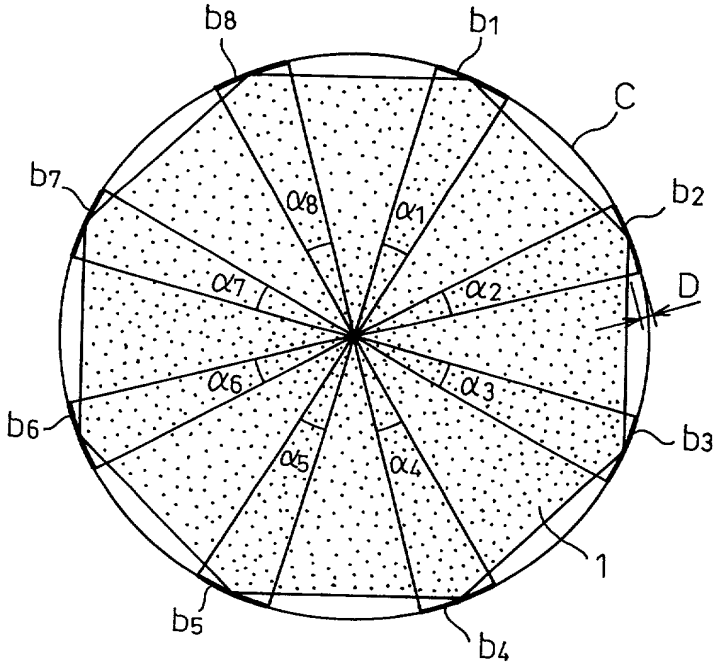


Fig.24A

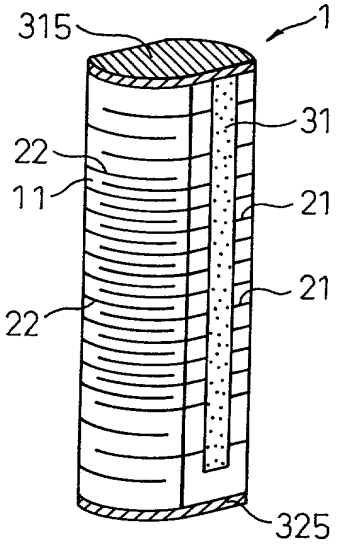


Fig.24B

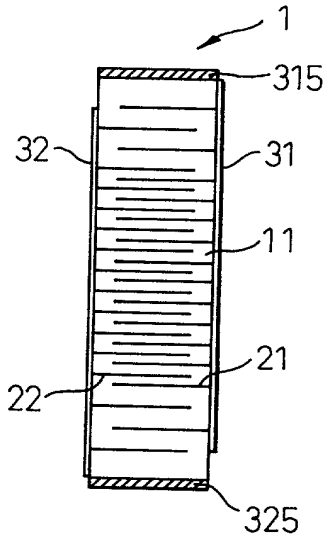


Fig.25A

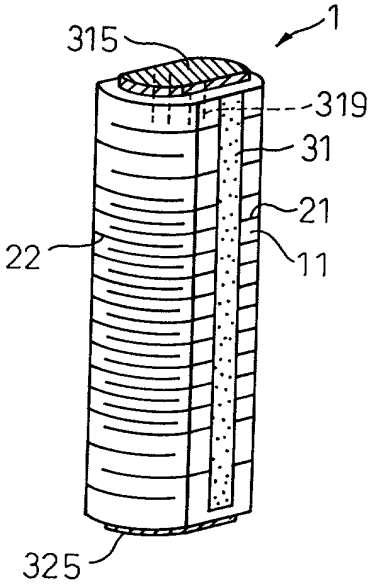


Fig.25B

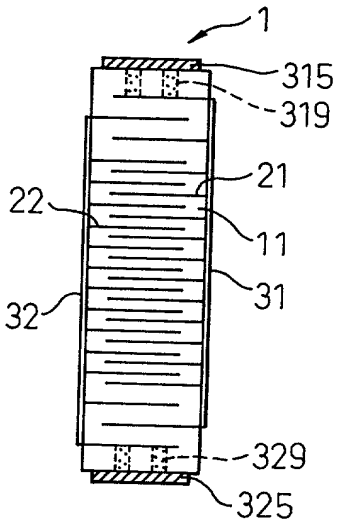


Fig.26A

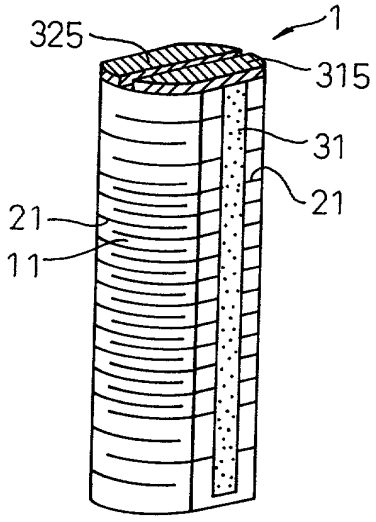


Fig.26B

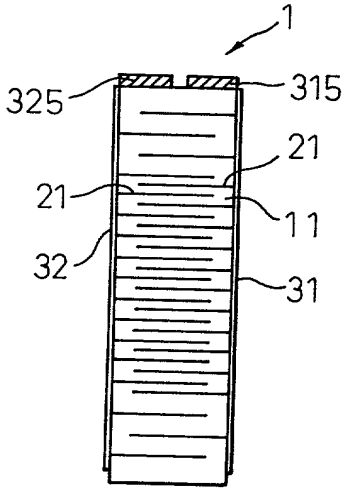


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Fig.27A

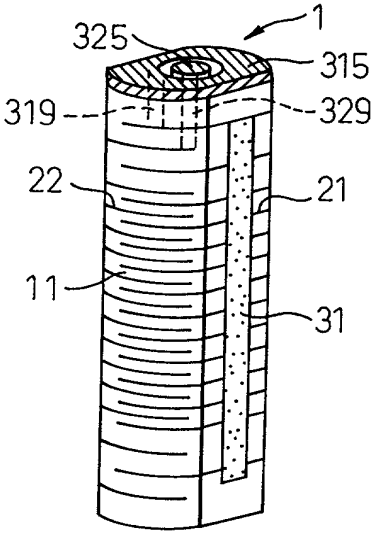


Fig.27B

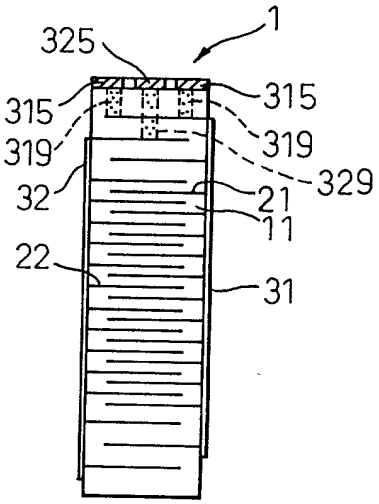


Fig.28A

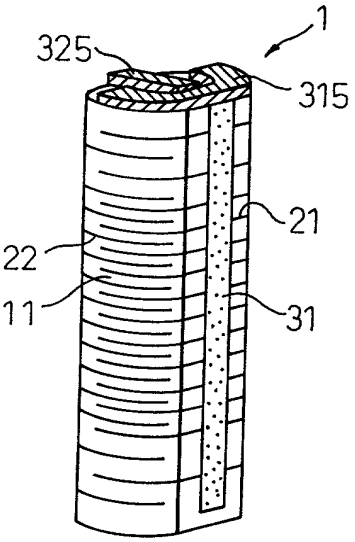
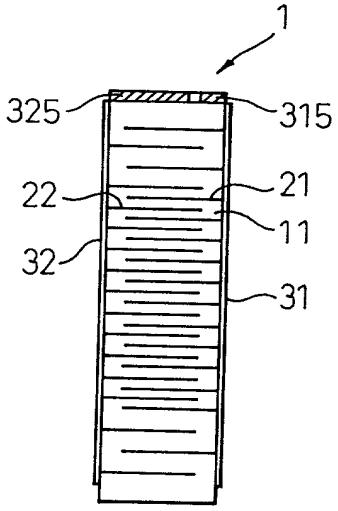


Fig.28B



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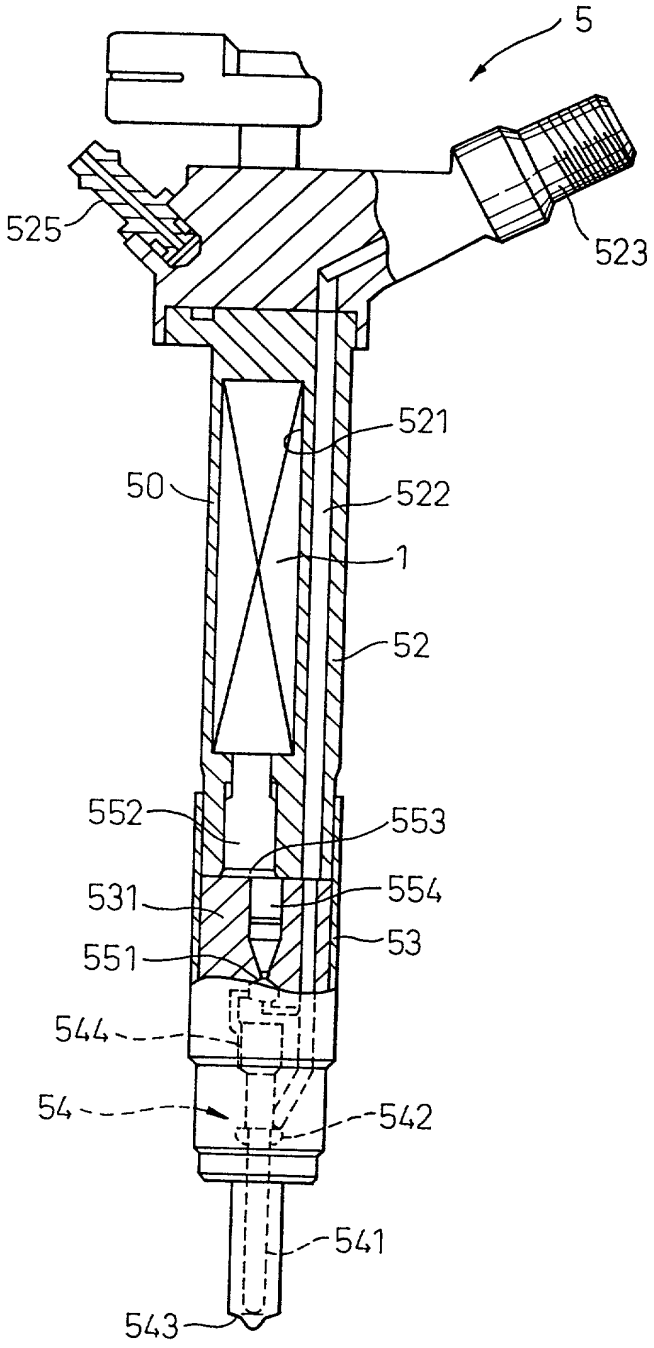
Fig.29